## കെ.എസ്.ഇ.ബിയുടെ വരുമാനം

97 (322) പ്രൊഫ. എ. വി. താമരാക്ഷൻ : താഴെ കാണുന്ന ചോദ്യങ്ങൾക്ക് വിദ്യുച്ഛക്തിയും സഹകരണവും വകുപ്പുമന്ത്രി സദയം മറുപടി നൽകുമോ :

(എ) കെ.എസ്.ഇ.ബി.യുടെ ഒരു ദിവസത്തെ ശരാശരി വരുമാനം എത്ര രൂപയാണ് ;

(ബി) കെ.എസ്.ഇ.ബി.യുടെ പ്രവർത്തനത്തിന് ഒരു ദിവസം ശരാശരി എത്ര രൂപയാണ് ആവശ്യമായി വരുന്നത് ; ഇതിൽ ഉല്പാദനചെലവ്, ഭരണപരമായ ചെലവ്, പലിശ, ഇതര ചെലവുകൾ എന്നിവ എത്ര വീതം വരുമെന്ന് വെളിപ്പെടുത്തുമോ ;

(സി) ഇപ്പോൾ ഒരു യൂണിറ്റ് വൈദ്യുതി ഗാർഹിക വ്യാവസായിക, കാർഷിക, വാണിജ്യ മേഖലകൾക്ക് എത്ര രൂപക്കാണ് നല്കുന്നത് ;

(ഡി) ഇന്ത്യയിലെ മറ്റ് പ്രധാനപ്പെട്ട സംസ്ഥാനങ്ങളിൽ വൈദ്യുതി ഈ മേഖലകൾക്ക് എന്ത് വിലക്കാണ് നൽകുന്നത് എന്ന് വിശദമാക്കാമോ ;

(ഇ) സംസ്ഥാനത്ത് ഇപ്പോൾ വൈദ്യുതിയുടെ ഉല്പാദനചെലവ് എത്രയെന്ന് വെളിപ്പെടുത്തുമോ ?

ഉത്തരം

(എ&ബി) ബോർഡിന്റെ ചിലവുകൾ വാർഷികാടിസ്ഥാനത്തിലാണ് കണക്കാക്കി വരുന്നത്.

(സി) ഇപ്പോൾ വിവിധ വിഭാഗം ഉപഭോക്താക്കൾക്ക് നിലവിലുള്ള താരിഫ് വിജ്ഞാപനത്തിന്റെ പകർപ്പ് അനുബന്ധം I ആയി വച്ചിരിക്കുന്നു†.

(ഡി) ദക്ഷിണേന്ത്യൻ സംസ്ഥാനങ്ങളെ സംബന്ധിച്ച വിവരം അനുബന്ധം II ആയി ചേർത്തിട്ടുണ്ട്†.

(ഇ) 1999-2000-ലെ വാർഷിക കണക്കനുസരിച്ച് ഒരു യൂണിറ്റ് വൈദ്യുതി ഉല്പാദിപ്പിക്കുന്നതിനുള്ള ചെലവ് 2 രൂപ 20 പൈസയാണെന്ന് കണക്കാക്കിയിരിക്കുന്നു.

## ഇലക്ട്രിസിറ്റി ബോർഡിന്റെ വരവും ചെലവും

98 (323) ശ്രീ. ഡൊമിനിക് പ്രസന്റേഷൻ :
ശ്രീ. എം. മുരളി : താഴെ കാണുന്ന ചോദ്യങ്ങൾക്ക് വിദ്യുച്ഛക്തിയും സഹകരണവും വകുപ്പുമന്ത്രി സദയം മറുപടി നൽകുമോ :

(എ) 2000 ഡിസംബർ 31-ന് കെ.എസ്.ഇ.ബിയുടെ കടം എത്രയാണ് ;

(ബി) കെ.എസ്.ഇ.ബി.യുടെ മൊത്ത വരുമാനവും മൊത്തം ചെലവും എത്ര വീതമായിരുന്നു ;

† അനുബന്ധം XVIII, XVIII 'എ'

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## അനുബന്ധം XVIII

[20-2-2001-ലെ നക്ഷത്രചിഹ്നമിടാത്ത ചോദ്യം നമ്പർ 97(322)-ന്റെ 'സി' ഉത്തരം ദയവായി കാണുക]

# KERALA STATE ELECTRICITY BOARD

## NOTIFICATIONS

PART I

## EXTRA HIGH TENSION TARIFF

B.O.No.1066/99 (Plg.Com. 3540/98)

*Dated, Thiruvananthapuram, 14th May, 1999.*

*Read*:—1. Notification published as Gazette Extraordinary No. 120 dated 29-1-1997.

2. Notification published as Gazette Extraordinary No. 186 dated 14-2-1997.

Whereas the Board is statutorily enjoined to leave a surplus of not less than 3% of the value of net fixed assets of the Board in service at the beginning of each year, the value of net fixed assets of the Board in service at the beginning of the year being what has been stated in Section 59 of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) as amended by the Electricity (Supply) Amendment Act, 1983 (Central Act 16 of 1983) ;

And whereas the escalation in prices of all commodities and service including plant and equipment, construction materials etc., resulting increased cost of generation, operation and maintenance cost of the supply systems, increased rate of interest payable on loans etc. and the subsidised tariffs given to certain categories of consumers due to social obligations have all resulted in the present tariff rates becoming inadequate for the Board to make the minimum surplus of 3% ;

And whereas in addition to the increased cost of the imported power from the Central Agencies viz. NTPC, Ramagundam Super Thermal Power Station, Neyveli Lignite Corporation, Madras Atomic Power Project (Nuclear Power Corporation) etc. the Board has to bear the cost cosequent to the escalation in fuel cost in respect of energy/power imported from such stations ;

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And whereas the Board has to pay higher price for the power purchased from various agencies in the State ;

And whereas the Board has also to raise revenue from internal sources for its capital works and developmental works and also to meet the satuory and social obligations ;

And whereas in view of the above factors, a revision in tariffs as well as progressive increase have become imperative.

Now, therefore, in exercise of powers conferred by sections 49, 59 and sub-section (j) of Section 79 of Electricity (Supply) Act, 1948 and other enabling provisions in the statutes and in partial modification to the notifications read above the Kerala State Electricity Board hereby orders the following revisions in Tariff and the revision of the terms and conditions of Supply.

## ORDER

I This order may be called "The Kerala State Electricity Board Extra High Tension Tariff Revision Order, 1999."

II This order shall come into force on the 15th day of May 1999.

III This order shall apply to electrical energy/power consumed on or after the coming into force of this Order by all Extra High Tension Consumers to whom electrical energy/power is supplied by Board, other than Licensees and sanction holders for whom Grid Tariff is applicable.

*Note* :— The expression Extra High Tension (EHT) Consumer means a consumer who is supplied with electrical energy at a voltage exceeding 33000 volts under normal conditions, subject, however, to the percentage variation indicated in the agreement with the Board or allowed by the Indian Electricity Rules, 1956.

IV Unless the context otherwise requires words and expressions used in this Order and defined in the Indian Electricity Act, 1910 (Central Act 9 of 1910) or in the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) or in the Conditions of Supply of Electrical Energy Regulations issued by the Board shall have the meaning respectively assigned to them in the Acts or in the said Regulations.

V This Order shall apply to all Extra High Tension Consumers to whom the Board has undertaken or undertakes to supply energy, notwithstanding anything to the contrary contained in any agreement entered into with any Extra High Tension Consumer earlier by the Government or by the Board or in any of the tariff regulations or Rules and/or Orders previously issued.

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VI. When the actual Maximum Demand in a month exceeds that Contract Demand (as per agreement) the excess demand shall be charged at a rate of 150 per cent of the Demand charges applicable.

VII The rates provided in clause XI of this order are exclusive of Electicity Duty and/or surcharge and/or any other cesses, taxes, minimum fees, duties and other impositions existing or that may be levied or imposed in future by the Government, the Board and/or other competent authorities which are payable in addition to the charges as per the tariff.

VIII (a) The tariffs given in this order are subject to revision and/ or surcharges that may be levied by the Board/Government from time to time and are also subject to other miscellaneous charges for supply of power/ energy by the Board as per Conditions of Supply of the Board from time to time.

(b) The rates are subject to further revision as and when the cost of internal generation increases, and/or the cost of power purchased from other agencies in the State increases, and/or the cost of imported power and/or fuel cost adjustment price payable for imported energy increases beyond the present expectation.

(c) Provided that the Board shall be at its liberty to re-classify/ re-group/ re-structure the categories and/or to revise/refix the rates applicable to any categories of consumers at any time irrespective of the tariff fixed or any percentage hike in tariff contemplated in this order, if such re-classification/re-grouping/re-structuring and/or revision/refixation in rates and/or percentage hike in tariff is felt necessary by the Board for achieving the aims, and objectives explained in this order.

IX Notwithstanding anything contained in this Order, the Board may in public interest and for valid reasons to be recorded in writing, exempt any consumer from payment of charges at rates contained in this Order or agree to supply energy at such rates as may be agrees to with such consumer, but subject only to the provisions contained in Section 49 of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948).

X. The EHT consumers will be billed on differential pricing system with the aid of Time of Day (TOD) meters at the rates and pricmg method notified from time to time.

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**Non-Power Intensive**

Normal Ruling Rate

| | *66 KV* | *110 KV* |
|---|---|---|
| Demand charge Rs./KVA of Billing Demand/month | 215 | 205 |
| *plus* | | |
| Energy charge Ps. unit (KWh) | 200 | 195 |

Power intensive industries (66 KV or 110 KV) will be charged extra as detailed in the special conditions contained in this order.

**Power Intensive Industries (66 KV 0r 110 KV)**

The industries which manufacture any one of the following products or using induction are furnaces or industries engaged in any one or more of the following processes are classified as power intensive industries.

1. Calcium Carbide
2. Caustic Soda
3. Charge Chrome
4. Ferro Chrome
5. Ferro Manganese
6. Ferro Silicon
7. Ferro Alloys
8. Potassium Chlorate
9. Silicon Carbide
10. Sodium Chlorate
11. Sodium Metal
12. Chlorates/Per Chlorates
13. Steel Melting
14. Industries engaged in electro-chemical/electro-thermal processes
15. Industries using induction are furnace
16. In other cases where the cost of power is more than 25% of the cost of the product manufactured

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*Note* :— 1. Billing Demand will be the recorded Maximum Demand for the month in KVA or 75% of Contract Demand (as per agreement) whichever is higher.

2. The monthly minimum payable shall be the minimum guarantee amount as per the minimum guarantee agreement, if any, or the billing demand as in note (1) above whichever is higher. This applies even during the period of disconnection of power supply.

3. In the case of factory lighting and colony supply the rates mentioned above are subject to the following :

(a) *Factory Lighting.*—When the total connected lighting load of the factory is less than or equal to 5% of the connected load for power, it can be tapped off the power mains without segregation. When the above lighting load exceeds this limit, the whole lighting load should be segregated and metered by a sub-meter and lighting consumption in excess over 10% (ten per cent) of the bulk energy consumption for power proper shall be charged at 5ps. (five paise) extra per unit.'

(b) *Colony Supply.*—Colony supply when taken from the Consumer's EHT supply shall be segregated and metered by means of a sub-meter and the consumption will be charged at 5 Ps. (five paise) extra per unit.

(c) If no segregation is made as specified in (a) or (b) above, the bill amount of the consumer will be increased by 10% (ten percent) on dedmand and energy charges.

The conditions in the above note are applicable to all 66 KV and 110 KV consumers.

**Special conditions**

1. The rates notified in this order are the normal ruling rates.
2. In respect of power intensive industries which are allocated power on or after 17-12-1996 the tariff will be 100% extra over the rates notified in this order.
3. All new connections to EHT applicants and/or connections of additional load to the existing EHT consumers will be provided only after they purchase and instal TOD meters at their cost.
4. The replacement and maintenance of defective meters and current/potential transformers and all other equipments owned by them, shall also be done by them at their cost.

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## PART II

## HIGH TENSION TARIFF

Whereas the Board is statutorily enjoined to leave a surplus of not less than 3% of the value of net fixed assets of the Board in Service at the beginning of each year, the value of net fixed assets of the Board in service at the beginning of the year being what has been stated in section 59 of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) as amended by the Electricity (Supply) Amendment Act, 1983 (Central Act 16 of 1983) ;

And whereas the escalation in prices of all commodities and services including plant and equipment, construction materials etc. resulting in increased cost of generation, operation and maintenance cost of the supply systems, increased rate of interest payable on loans, etc. and the subsidised tariffs given to certain categories of consumers due to social obligations have all resulted in the present tariff rates becoming inadequate for the Board to make the minimum surplus of 3%.

And whereas in addition to the increased cost of imported power from Central Agencies viz. NTPC, Remagundam Super Thermal Power Station, Neyveli Lignit Corporation, Madras Atomic Power Project (Nuclear Power Corporation) etc. the Board has to bear the cost consequent to the escalation in fuel cost in respect of energy/power imported from such stations ;

And whereas the Board has to pay higher price for the power purchased from other agencies in the State;

And whereas the Board has also to raise revenue from internal sources for its capital works and developmental works and also to meet the statutory and social obligations ;

And whereas in view of the above factors, a revision in tariffs as well as progressive increase have become imperative.

Now, therefore, in exercise of powers conferrred by sections 49, 59 and sub-section (j) of Section 79 of the Electricity (Supply) Act, 1948 and other enabling provisions in the statutes and in partial modification to the notifications read above the Kerala State Electricity Board hereby orders the following revisions in Tariff and the revision in the terms and Conditions of Supply.

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## ORDER

I. This order may be called "The Kerala State Electricity Board High Tension Tariff Revision Order, 1999."

II. This order shall come into force on the 15th day of May 1999 and shall apply to demand charge and energy/power consumed on or after the said date.

III This order shall apply to all categories of High Tension Consumers, to whom electrical energy is supplied by the Board, other than Licenses and sanction holders to whom sanction is given under Section, 28 of the Indian Electricity Act, 1910 (Central Act 9 of 1910) for whom Grid Tariff is applicable.

*Note* :—The expression 'High Tension Consumer' (HT) means a consumer who is supplied with electrical energy at a voltage of either 22,000 Volts or 11,000 Volts under normal conditions, the voltages, however, being subject to allowable percentage variation indicated in the respective agreements with the Board or allowed under Indian Electricity Rules, 1956.

IV Unless the context otherwise requires, words and expressions used in this order and defined in the Indian Electricity Act, 1910 (Central Act 9 of 1910) or in the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) or in the Conditions of supply of Electrical Energy Regulations issued by the Kerala State Electricity Board, shall have the meaning respectively assigned to them in the Acts and the Regulations mentioned above.

V This order shall apply to all High Tension consumers mentioned in the categories detailed below to whom the Board has undertaken or undertakes to supply energy, notwithstanding anything to the contrary contained in any agreement earlier entered into with any consumer by the Government or Board or in any of the Tariff Regulations or Rules and/or Orders, previously issued.

VI The consumers have been categorised and/or classified according to their load requirements, nature of load, the benefits, social or otherwise, that may accure to the State and/or the power system etc.

VII (a) The Tariffs given in this order are exclusive of Electricity duty and/or fees, surcharges and/or any other cesses, taxes, minima, duties and other impositions existing or that may be levied or imposed in future by the government, the Board and/or other competent authorities, which are payable in addition to the charges as per the tariff.



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(b) The rates are subject to further revision as and when the cost of internal generation increases, and/or the cost of power purchased from other agencies in the State increases, and/or the cost of imported power and fuel cost adjustment price payable for imported energy increases beyond one present expectation.

(c) Provided that the Board shall be at its liberty to re-classify/re-group/re-structure the categories and/or to revise/refix the rates applicable to any categories of consumers at any time irrespective of the tariff fixed or any percentage hike in tariff contemplated in this order, if such re-classification/re-grouping/re-structuring and/or revision/refixation in rates and/or percentage hike in tariff is felt necessary by the Board for achieving the aims and objectives explained in this order.

VIII Billing demand for a month shall be the recorded Maximum Demand for the month or 75% of the contract demand or 50 KVA whichever is higher. In case where the power factor for the month is not known, the conversion from KVA to KW or vice versa will be based on an average assumed power factor of 0.85. When the actual maximum demand in a month exceeds the contract demand (as per agreement) the excess demand shall be charged at a rate of 150% of the demand charges applicable.

IX The tariffs given in this order are subject to revision and/or surcharges that may be levied by the Board or Government from time to time and are also subject to other miscellaneous charges for supply of power/ energy by the Board as per the condtions of Supply of the Board from time to time.

X The HT consumers (except agricultural and seasonal consumers) will be billed on differential pricing system with the aid of Time of Day (TOD) meter. The rates applicable for differential pricing system will be notified separately.

XI. Notwithstanding anything contained in this order, the Kerala State Electricity Board may, in public interest and for valid reasons to be recorded in writing, exempt any consumer from payment of charges at rates contained in this order or agree to supply energy at such rates as may be agreed to with such consumer but subject only to the provisions contained in Section 49 of the Electricity (Supply) Act, 1948.

XII. The Tariff applicable to various classes and/or categories of consumers shall be as per the two part Tariff.

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**H.T- I Industrial**

Applicable to Water Works, Printing Presses (including presses engaged in printing dailies) Plantations, Granite Crushing Units, Industrial consumers Dairy farms, Drinking water pumping for the public and all other non, agricultural pumbing etc.

Normal Ruling Rate

Demand charge Rs./KVA of Billing Demand/Month : 225

*plus*

Energy charge Ps./unit (KWh) : 205

*Note* :— 1. Billing Demand will be the recorded Maximum Demand for the month in KVA or 75% of Contract Demand (as per agreement) or 50 KVA whichever is higher.

2. The monthly minimum payable shall be the minimum guarantee amount as per the minimum guarantee agreement, if any, or the billing demand as in note (1) above whichever is higher. This applies even during the period of disconnection of power supply.

3. In the case of factory lighting and colony supply the rates mentioned above are subject to the following :—

(a) *Factory Lighting*— When the total connected lighting load of the factory is less than or equal to 5% of the connected load for power, it can be tapped off the power mains without segregation. When the lighting load exceeds this limit, the whole lighting load should be segregated and metered by a sub-meter and lighting consumption in excess over 10% (ten percent) of the bulk energy consumption for power proper shall be charged at 15 Ps. (fifteen paise) extra per unit. However, hotels, lodges, commercial establishments, business houses, film studios and cinema theatres are exempted from segregation of lighting loads.

(b) *Colony Supply*—Colony supply when taken from the Consumer's HT supply shall be segregated and metered by means of a sub-meter and the consumption will be charged at 15 Ps. (fifteen paise) extra per unit.

(c) When segregation in respect of factory lighting and colony is obligatory as stated in clause (a) and (b) above, but if the consumer fails to segregate, his monthly energy charges as per the normal tariff applicable will be increased by 20%.

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**H. T. II-Non Industrial/Non Commercial**

Applicable to non-industrial, non-commercial consumers such as Aerodromes, Radio Stations, Doordarshan, Telephone Exchanges and Public Offices run by Central/State Government, Local Bodies, Technical and Educational Institutions and Hostels run by or affiliated to Universities or Government Departments and Hospitals and Nursing Homes, Charitable Institutions and Colonies supplied with energy at H.T.

Normal Ruling Rate

Demand charge Rs./KVA of Billing Demand/Month : 200

*plus*

Energy charge Ps./unit (KWh) : 200

Power intensive industries will be charged extra as detailed in the special conditions contained in this order.

**Power Intensive Industries (11 KV)**

The industries which manufacture any one of the following products or using induction are furnaces or industries engaged in any one or more of the following processes are classified as power intensive industries.

1. Calcium Carbide
2. Caustic Soda
3. Charge Chrome
4. Ferro Chrome
5. Ferro Manganese
6. Ferro Silicon
7. Ferro Alloys
8. Potassium Chlorate
9. Silicon Carbide
10. Sodium Chlorate
11. Sodium Metal
12. Chlorates/Per Chlorates
13. Steel Melting
14. Industries engaged in electro-chemical/electro-thermal processes
15. Industries using induction are furnace
16. In other cases where the cost of power is more than 25% of the cost of the product manufactured

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**Special conditions**

1. The rates notified in this order are the normal ruling rates.
2. In respect of power intensive industries which are allotted power on or after 17-12-1996 the tariff will be 100% extra over the rates notified in this order.
3. All the existing HT/deemed HT consumers (other than agricultural and seasonal consumers) shall purchase and instal Time-Of-Day (TOD) meters at their cost within the time prescribed by the Board.
4. All new connections to HT applicants, and/or connections of additional load to the existing HT consumers will be provided only after they purchase and instal TOD meters at their cost. But new agricultural consumers and seasonal consumers are exempted from this condition.
5. The maintenance and replacement of the defective meters shall also be done by them at their cost. If they fail to do so, they will be charged 50% extra over the rates notified in this order both for demand and energy. They shall also do the maintenance and replacement of defective CT/PT and all other equipments owned by them at their cost.

**H. T. III-Agriculture**

Applicable to agricultural consumers for all cultivations including dewatering, lift irrigation, sericulture, poultry farms, silk worm breeding and livestock farms both Government and Private.

*Note* :— 1. If there is a combination of dairy and livestock farms in the same premises, agricultural tariff shall be applicable.

2. As far as private livestock farms are concerned there shall be a minimum of five numbers of milky cattles for application of agricultural tariff. If the number of cattles in the private livestock farms is less than five, HT industrial tariff shall be applicable.

Demand charge Rs./KVA of Billing Demand/Month : 130

*plus*

Energy charge Ps./unit (KWh) : 105

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**H. T. IV—Commercial**

Applicable to consumers such as Hotels/Restaurants, Lodges, Hostels, Guest/Rest Houses, Travellers Bungalows, Cold Storage, Freezing Units, Commercial establishments, Business houses, Film Studios and Cinema Theatres etc.

Normal Ruling Rate

Demand charge Rs./KVA of Billing Demand/Month : 230

*plus*

Energy charge Ps./unit (KWh) : 215

**H. T V—Seasonal Consumers**

H. T. Consumers with seasonal loads shall register themselves with the Board as seasonal consumers.

1. If the seasonal consumer uses his supply for different purposes during different seasons (periods) and if he does not register as a seasonal consumer, he shall be charged at the highest tariff applicable for the various operations for the whole year.

2. If such a consumer registers with the Board as seasonal consumer and specifies the periods during which the supply is used for different purposes, the tariff rates applicable for each use shall be applied during the concerned periods.

3. If the registered seasonal consumer utilises the service for any purpose other than the on for which he has registered during the relevant periods the highest of the tariffs applicable to the different uses shall be charged for the entire period.

4. When a registered seasonal consumer does not use his supply for a few months at all outside the season (period), he should agree to disconnection without notice upon the expiry of the period and pay higher rates during the working seasons to compensate loss to the Board as given below:

(i) Demand charges shall be increased by 5 (12-N) % where 'N' is the number of months during which the consumer registers himself with the Board to utilise the service in the year.

(ii) There will be no billing for the idling period.

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(iii) The service to the consumer will be disconnected without notice immediately on termination of the registered period unless the consumer asks for continuance of the service during the idle period for which also he will be charged at the same seasonal rate applicable for the original period.

(iv) Monthly minimum equivalent to Demand charges for 75% of the Contract Demand, increased as per (i) above shall be collected from the consumer in each of the working month.

(v) For registration as a seasonal consumer, the consumer should have a minimum of four working months per annum or he should guarantee a minimum equivalent thereto for the working season.

**5. Lighting for seasonal industrial consumers**

Conditions as applicable in the case of H. T. I. will apply.

PART III

## GRID TARIFF

Whereas the Board is statutorily enjoined to leave a surplus of not less than 3% of the value of net fixed assets of the Board in service at the beginning of each year, the value of net fixed assets of the Board in service at the beginning of the year being what has been stated in section 59 of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) as amended by the Electricity (Supply) Amendment Act, 1983 (Central Act 16 of 1983) ;

And whereas the escalation in prices of all commodities and services including plant and equipment, construction materials, etc. resulting in increased cost of generation, operation and maintenance cost of the supply system, increased rate of interest payable on loans etc. and subsidised tariffs given to certain categories of consumers due to social obligations have all resulted in the present tariff rates becoming inadequate for the Board to make the minimum surplus of 3% ;

And whereas in addition to the increased cost of imported power from the Central Agencies viz. NTPC, Ramagundam Super Thermal Power Station, Neyveli Lignite Corporation, Madras Atomic Power Project (Nuclear Power Corporation) etc. the Board has to bear the cost consequent to escalation in fuel cost in respect of the energy/power imported from such stations ;

And whereas the Board has to pay increased price for the power purchased from other agencies in the State ;

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And whereas the Board has also to raise revenue from internal resources for its capital works and developmental works and also to meet the statutory and social obligations ;

And whereas in view of the above factors, a revision in tariffs as well as progressive increase have become imperative.

Now, therefore in exercise of the powers conferred by sections 46, 59 and sub section (h) of Section 79 of the Electricity (Supply) Act, 1948, and other enabling provisions in the statutes and in partial modification to the notifications read above the Kerala State Electricity Board hereby orders the following revisions in tariff and the revisions of the terms and conditions of supply in respect of the sale of electrical energy/power supplied by the Board of licensees and sanction holders.

ORDER

I This order shall be called "The Kerala State Electricity Board Grid Tariff Order, 1999."

II These tariffs shall come into force on the 15th day of August 1999 and shall apply to electrical energy/power consumed on or after the said date.

III These tariffs shall be applicable for supply of energy/power to licensees and sanction holders.

IV (a) These tariffs are subject to revision and/or surcharges that may be levied by the Board or Government from time to time and also subject to other miscellaneous charges for supply of power by the Board as per the general conditons of supply in force from time to time.

(b) The rates are subject to further revision as and when the cost of internal generation increases, and/or the cost or power purchased from other agencies in the State increases, and/or the cost of imported power and/or the fuel cost adjustment price payable for imported energy increases beyond the present expectation.

(c) Provided that the Board shall be at its liberty to re-classify/ re-group/re-structure the categories and/or to revise/refix the rates applicable to any categories of consumers at any time irrespective of the tariff fixed or any percentage hike in tatiff contemplated in this order, if such re-classification/re-grouping/re-structuring and/or revision/refixation in rates and/or percentage hike in tariff is felt necessary by the Board for achieving the aims and objectives explained in this order.

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V These tariffs are exclusive of duty, taxes and/or other charges existing now and those to be levied by the Government and/or other competent authorities which are payable in addition to the Grid Tariff.

VI The licensees/santion holders shall purchase, instal and maintain Time of Day (TOD) meters at their cost. However they will not be billed on differential pricing system.

VII The tariff applicable will be the two part tariff.

*Grid Tariff for Licensees/sanction holders*

| | 11 KV | 66 KV | 110 KV |
|---|---|---|---|
| Demand charge Rs./KVA of Billing Demand/Month | 205 | 190 | 180 |
| *plus* | | | |
| Energy charge Ps. Unit (KWh) | 125 | 115 | 100 |

*Note* :— 1. Billing Demand will be the recorded Maximum Demand to the month in KVA or 75% of Conctract Demand (as per agreement) or 50 KVA whichever is higher.

2. The monthly minimum payable shall be the minimum gurantee amount as per the minimum gurantee agreement, if any, or the billing demand as in note (1) above whichever is higher. This applies even during the period of disconnection of power supply.

3. If the 11 KV licensees/sanction holders consume more than 50% of the total energy themselves, they will not have the advantage of grid tariff. HT I rates sell be applicable in such cases for the entire consumption as well as the maximum demand.

4. If the 110 KV or 66 KV licensees/sanction holders consume more than 50% of the total energy themselves, they will not have the advantage of grid tariff. The 110 KV or 66 KV tariff in Part I of this notification will be applicable in such cases for the entire consumption as well as the maximum demand.



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**Special Conditions**

1. The rates notified in this order are the normal ruling rates.

2. All the existing licensees/sanction holders shall purchase and instal Time-Of-Day (TOD) meters at their cost within the time prescribed by the Board.

3. All new Connections to licensees/sanction holders and/or connections of additonal load to the existing licensees/santion holders will be provided only after they purchase and instal TOD meters at their cost.

4. The maintenance and replacement of the defective meters shall also be done by them at their cost. If they fail to do so, they will be charged 50% extra over the rates notified in this order both for demand and energy. They shall also do the maintenance and replacement of CT/PT and all other equipments owned by them at their cost.

*Note* :— 1. The monthly minimum payable shall be the minimum gurantee amount as per the minimum gurantee agreement, if any, or the billing demand as in note (1) above whichever is higher. This applies even during the period of disconnection of power supply.

2. If the licensees/sanction holders consume more than 50% of the total energy themselves, they will not have the advantage of grid tariff. 110 KV or 66 KV tariff in **Part I** of this notification will be applicable in such cases for the entire consumption as well as the demand.

VIII. For billing purposes, each point of supply shall be treated as a separate consumer for 11 KV, 66 KV and 110 KV Grid tariffs.

PART IV

## LOW TENSION TARIFF

Whereas the Board is statutorily enjoined to leave a surplus of not less than 3% of value of the fixed assets of the Board in service at the beginning of each year, the value of the fixed assets of the Board in service at the beginning of year being what that has been stated in Section 59 of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) as amended by the Electricity (Supply) Amendment Act, 1983 (Central Act 16 of 1983) ;

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And whereas the escalation in prices of all commodities and services including plant and equipment, construction materials etc ; resulting in increased cost of generation, operation and maintenance cost of the supply systems increased rate of interest payable on loans etc, and the subsidised tariffs given to certain categories of consumers due to social obligations have all resulted in the present tariff rates becoming inadequate for the Board to make the minimum surplus of 3% ;

And whereas in addition to the increased cost of imported power from the Central Agencies viz, NTPC, Ramagundam Super Thermal Power Station, Neyveli Lignite Corporation, Madras Atomic Power Project (Nuclear Power Corporation) etc., the Board has to bear the cost consequent to escalation in fuel cost in respect of energy/power imported from such stations ;

And whereas the Board has to pay higher price for the power purchased from various agencies in the State ;

And whereas the Board has also to raise revenue from internal resources for its capital works and developmental works and also to meet the statutory and social obligations ;

And whereas in view of the above factors, a revision in tariffs as well as progressive increase have become imperative.

Now, therefore, in exercise of the powers conferred by Sections 49, 59 and sub-section (j) of Section 79 of the Electricity (Supply) Act, 1948 and other enabling provisions in the statutes in partial modification to the notifications read above and the notification published as Gazette Extraordinary No. 396 dated 31-3-1997 the Kerala State Electricity Board hereby orders the following revisions in tariff and revision of terms and conditions of Supply for the sale of electrical energy/power supplied by the Board to Low Tension Consumers.

## ORDER

I This order may be called "The Kerala State Electricity Board Low Tension (Other than Public Lighting) Tariff Order, 1999."

II It shall apply to Low Tension Consumers to whom the Board has undertaken or undertakes to supply energy notwithstanding anything to the contrary contained in any agreement earlier entered into with any consumer by the Board/Government or in any of the Tariff Regulations or Rules and/or Orders previously issued.

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*Note* :— The expression 'Low Tension Consumer' (LT) means a consumer who is supplied with electrical energy at low or medium voltage by the Board : the standard voltage of supply being either 240V, Single phase or 415 V, 3 phase, the Voltages, however, being subject to allowable percentage variations indicated in the respective service connection agreements with the Government/Board or allowed under the Indian Electricity Rules, 1956.

III The tariffs as per this order shall be effective for the consumption from the 15th day of May 1999 or the actual date of meter reading in May 1999.

IV Unless the context otherwise requires, words and expressions used in this Order and defined in the Indian Electricity Act, 1910 (Central Act 9 of 1910) and/or in the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) and/or in the conditions of Supply of Electricial Energy Regulations issued by the Board shall have meanings respectively assigned to them in the Acts and the Regulations mentioned above.

V The tariffs given in clause XIV below are exclusive of Electricity Duty, Excise, Taxes and other charges and/or minima existing or that may be levied by the State/Central Government, the Board and/or other competent authorities from time to time, which are payable in addition to the charges as per the tariffs in Clause XIV below. Electricity Duty or such other charges as above is payable in respect of the fuel cost adjustment price also.

VI (a) The tariffs given are subject to revision and/or surcharges that may be levied by the Board and/or the Government from time to time and are also subject to other miscellaneous charges for supply of energy/power by the Board as per the 'Conditions of Supply of Electrical Energy' of the Board from time to time.

(b) The rates for all categories are subject to further revision as and when the cost of internal generation increases, and/or the cost of power purchased from other agencies in the State increases, and/or the cost of imported power/energy and/or the fuel cost adjustment price payable for imported energy increases beyond the present expectation.

(c) Provided that the Board shall be at its liberty to re-classify/ re-group/re-structure the categories and/or to revise/refix the rates applicable to any categories of consumers at any time irrespective of the tariff fixed or any percentatge hike in tariff contemplated in this order, if such re-classification/regrouping/re-structuring and/or revision/refixation in rates and/or percentage hike in tariff is felt necessary by the Board for achieving the aims and objectives explained in this order.

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VII For purpose of conversion from KVA to KW or vice versa, an average power factor of 0.85 will be assumed.

VIII (a) Monthly minimum charges payable will be service connection minimum gurantee/service line rental, if any, plus highest of the following charges:

(i) Guranteed line extension minimum as per the minimum gurantee agreement, if any.

(ii) The tariff minimum.

(iii) The fixed charge plus energy charge.

(b) In respect of daily minimum tariff there shall be no monthly minimum. Other minima, if any, shall also be payable by such consumers.

IX Where necessary, the consumers have been categorised and/or classified according to their load requirements, nature of load, benefits, social or otherwise, that accure to the State and/or the power system etc.

X Domestic consumers covered by this notification will be allowed to utilise electrical energy in some portion of their residence for their own use for purposes other than domestic and defined under LT-I when such connected load does not exceed 20% of the total connected load in their premises. When the connected load other than domestic use in such cases exceeds the above said 20% such loads shall segregated and separate service connection obtained under appropriate tariff. When this is not done, the tariff applicable to the whole service shall be at the appropriate tariff applicable to the connected load used for purposes other than domestic, if such tariff is higher than the tariff for LT-I.

XI Consumers other than LT-IV Industrial and LT V Agriculture who have segregated their power loads are free to install ISI approved static capacitors for power factor improvement to the extent necessary as recommended in the Annexure I to this order and obtain approval of the Board in which case their power service will be eligible for a rebate of 5% on the energy charges alone (excluding fixed charges). The rebate will be allowed for consumption from the Billing month succeeding the month in which the approval of the Board has been obtained.

XII Notwithstanding anything contained in this order, the Kerala State Electricity Board may in public interest and for valid reasons to be recorded in writing exempt any consumer from payment of charges at the rates contained in this order or agree to supply energy/power at such rates as may be agreed to with such consumer, but subject only to the provisions contained in section 49 of the Electricity (Supply) Act, 1948.

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XIII The consumers provided with LT supply for domestic use where the connected load does not exceed 500 W are exempted from payment of monthly current charges if their average monthly/monthly consumption does not exceed 20 units. This exemption shall not be applicable to the domestic consumers who are liable to pay minimum gurantee amount and/or rental charges. If the connected load exceeds 500 Watts and/or the average monthly consumption exceed 20 units, the consumer shall pay for the entire consumption. The exemption from payment of electricity charge is not applicable to any other category of consumers.

XIV The tariff rates applicable for various categories of LT consumers from 15-05-1999 are given below:

**L. T. I**

(a) Applicable to consumers coming under L. T. Supply for domestic use (single phase and three phase) for lights, fans, refrigerators, radios, television receivers, stereos, mixers, grinders, heaters, electric iron, cooking ranges, ovens, sewing machines, pumpsets and such other appliances all in domestic use for the occupants of the consumers premises.

The tariff shall be :

| | |
|---|---|
| up to 40 units | 70 Ps./Unit |
| 41 to 80 units | 110 Ps./Unit |
| 81 to 120 units | 130 Ps./Unit |
| 121 to 150 Unit | 160 Ps./Unit |
| 151 to 200 units | 210 Ps./Unit |
| 201 to 300 units | 265 Ps./Unit |
| 301 to 500 units | 345 Ps./Unit |
| 500 and above | 355 Ps./Unit |

The tariff minimum payable other than during the period of disconnection.

Single phase : Rs. 20 per consumer per month.

Three Phase : Rs. 98 per consumer per month.

This is not applicable for Non Paying Group of consumers.

The tariff minimum payable during the period of disconnection.

Single phase : Rs. 20 per consumer per month.

Three Phase : Rs. 40 per consumer per month.

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*Note* :— 1. Domestic consumers to whom three phase power supply is provided shall pay for minimum of 100 units per month even if their monthly consumption is below 100 units.

2. Power supply to common facilities such as water supply, common lighting, lifts etc., in multi-storeyed buildings for domestic occupation only, shall be under the domestic tariff.

(b) (i) Offices of Political parties approved by Election Commission of India.

(ii) Libraries and reading rooms.

(iii) Sports/arts club (with connected load not exceeding 2000 Watts). When the connected load exceeds 2000 Watts, LT VII C will be applicable.

The tariff shall be :

| | | |
|---|---|---|
| up to 40 units | : | 105 Ps./Unit |
| 41 to 80 units | : | 150 Ps./Unit |
| 81 to 120 units | : | 165 Ps./Unit |
| 121 to 150 Unit | : | 195 Ps./Unit |
| 151 to 200 units | : | 245 Ps./Unit |
| 201 to 300 units | : | 325 Ps./Unit |
| 300 and above | : | 425 Ps./Unit |

In respect of Offices of Political parties not approved by the Election Commission of India, LT VI (B) tariff shall be applicable.

The libraries and reading rooms having registration of the Kerala Grandhasala Sanghom or not having the registration of Kerala Grandhasala Sanghom shall be charged at the same rate.

The tariff minimum payable other than during the period of disconnection.

Single phase : Rs. 25 per consumer per month.

Three Phase : Rs. 135 per consumer per month.

The tariff minimum payable during the period of disconnection.

Single phase : Rs. 25 per consumer per month.

Three Phase : Rs. 50 per consumer per month.

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**L. T. II— Colonies supplied at L. T (Single or Three phase)**

Colonies of HT and EHT consumers where re-sale of energy is not involved and where supply at a single point is given at LT by the Board for domestic use in staff quarters, street lighting and pumping water for domestic use.

Colonies of Universities, State/Central Government Departments, Public Institutions like Companies/Board/Corporation under State/Central Government and Hospitals therein, colonies of Railways, State/Central Government undertakings, Postal/Telecommunication Departments, A. I. R, Doordarshan and Private colonies.

| | | |
|---|---|---|
| Fixed charge/month (Rs.) | : | 1.325 |
| *Plus* | | |
| Energy charge Ps./unit | : | 375 |

*Note* :— In special cases where supply is given at more than one point each supply point will be considered as separate consumer for the purpose of billing.

**LT.III-Temporary Connection for Illumination, Exhibition, Festivals, Public Meeting and Fairs (Single or Three Phase)**

| | | |
|---|---|---|
| Energy charge Rs./unit | : | 900 |
| Daily minimum Rs./KW or part thereof of connected load | : | 90 |

*Note* :— 50 % concession in the rates shall be allowed in the following cases :

1. The exhibitions conducted by the Local Bodies/Government educational institutions/recognised private educational institutions.
2. Festivals of public religious worship centres for illumination, public address system and security lighting.

**L.T. IV - Industry**

General purpose industrical loads (single or 3 phase) viz., Grinding Mills, Flour Mills, Oil Mills, Rice Mills, Saw Mills, Ice Factories with or without cold storage, rubber smoke houses, rawn peeling units, foriculture activities, tyre vulcanising/retreading units, workshops using power mainly

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for production and/or repair, pumping water for non agricultural purpose, Public Water Works, Sewage Pumping, Power laundries, Hatcheries, Screen Printing of glassware or ceramic, Printing Press, Milk Chilling Plant, Freezing Plant, Cold Storage, Bakeries (Where manufacturing process and sales are carried out in the same premises), Stone Crushing Units, Diamond-Cutting, Book binding and allied activities, Garment making, Electric crematorium, Pyrolators installed by local bodies, Mushroom farms, Shrimp farms, SSI Units engaged in computerised colour photo printing, computer consultancy services with SSI registration engaged in Software services and data processing activities and Desk Top Printing, Software Technology Parks, Dairy farms and marble cutting.

The tariff will be :

| | | |
|---|---|---|
| Fixed charge (per KW or part thereof of connected load per month (Rs.) | : | 35 |
| *Plus* | | |
| Energy charge Ps./unit | : | 220 |

*Note* :— 1. For consumers who have not installed ISI approved capacitors of recommended value the rate applicable will be higher by 20% (both on Fixed and Energy charges) than the rates shown above.

2. For welding sets without ISI approved capacitors of recommended, value, the fixed charge and energy charge will be higher by 30% (See Annexure II)

3 (a) Tariff for lighting LT Industrial premises:—

The lighting load and power load shall be segregated, and metered by separate meters. The lighting consumption in excess over 5% (five per cent) of the bulk energy consumption for power proper shall be charged at 30 ps. (thirty paise) per unit (KWh) extra over and above the specified rate. Where segregation is not done the entire current charges (Fixed charge and Energy charge) will be increased by 50% (fifty per cent).



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(b) In the case of consumers eligible for tariff concession in having treated tourism as industry vide G. O. (Rt.) No. 65/87/ PD dated 1-6-1987, where connected load for lighting is less than 20% (twenty per cent) of connected load for power, it shall be tapped off the power mains without segregation. Where the lighting load exceeds this limit the whole lighting load shall be segregated and metered by a sub. meter and lighting consumption in excess of 50% (fifty per cent) of the bulk energy consumption for power proper shall be charged at 30 ps. (thirty paise) per unit (KWh) extra over and above the specified rate. Where segregation is not done the entire current charges (Fixed charge and Energy charge) will be increased by 50% (fifty per cent)

4. All L. T. industrial Consumers are required to install static capacitors approved by ISI for power factor improvement, for their inductive loads as recommended in the Annexure attached to this notification and obtain approval of the Board. The capacitors shall be only for the inductive loads. New service connections will not be given unless the prospective consumers' installations include static capacitors of the recommended rating.

5. In the event of the static capacitor becoming faulty or unserviceable, the consumer should forthwith intimate the matter to the Assistant Engineer/Assistant Executive Engineer of the concerned Electrical Section/Major Section and the consumer shall make immediate arrangements for repair.

6. If the capacitor is not put back into service duly repaired and to the satisfaction of the Board within two weeks, enhanced charges as per Note I above shall be payable for the whole period during which the capacitor was faulty.

**L. T. V—Agriculture**

Applicable to poultry farms, silk worm breeding, Government Livestock Farms, Agricultural consumers, all cultivations including dewatering and Lift Irrigation (Single or 3 phase), Private Livestock farms (minimum number of milky cattles shall be five) and combination of livestock and dairy farms.

(In all cases where ISI approved capacitors of recommended value (See Annexure I) are installed for the inductive load)

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| | | |
|---|---|---|
| Fixed charge/KW/month (Rs.) | : | 5 |

*Plus*

| | | |
|---|---|---|
| Energy charge Ps./unit | : | 50 |

*Note* :— 1. For consumers who have not installed ISI approved capacitors of recommended value for their inductive loads, the tariff rates applicable will be higher by 20% (both on Fixed and Energy charges) than the rates shown above.

2. All L. T. Agricultural Consumers are required to install static capacitors approved b y ISI for power factor improvement, for their inductive loads as recommended in the Annexure attached to this notification and obtain approval of the Board. New Service Connections will not be given unless the prospective consumer's installations include static capacitors of the recommended rating.

3. In the event of the static capacitor becoming faulty or unserviceable the consumer should forthwith intimate the matter to the Assistant Engineer/Assistant Executive Engineer of the concerned Electrical Section/Major Section and the consumer shall make immediate arrangements for repair if the capacitor is not put back into service duly repaired and to the satisfaction of the Board within two weeks enhanced charges as per Note 1 above shall be payable for the whole period during which are capacitor was faulty.

**L.T. VI—Non-domestic (Single or three phase)**

**L.T. VI (A).**— Temples, Churches, Mosques, Monastries, premises of religious worship, convents, private hospitals, registered under Cultural Scientific and Charitable Societies Act and exempted from payment of Income Tax, Government or private educational institutions, libraries/reading rooms affiliated to Universities or run by Government or private Government Hospitals, X-Ray Units and laboratories attached to Government Hospitals.

| | | |
|---|---|---|
| Fixed charge/KW/month (Rs.) | : | 25 |

*Plus*

| | | |
|---|---|---|
| Energy charge Ps./unit | | |
| Upto 500 Kwh | : | 25 |
| Above 500 Kwh) | : | 345 |

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**L.T. VI (B)**— Offices and institutions under State/Central Government, Corporations/Board under State/CEntral Government, Local Bodies, Hostels and eductional institutions affiliated to the Universities or under the control of the Director of Technicial/Medical Education, Director of public Instructions or such other officers of the Government or run by the Government or State Social Welfare Board, Hostels run by institutions that are registered under Cultural, Scientific and Charitable Socieities Act and exempted from payment of Income Tax, Travellers' Bungalows and Guest/ Rest Houses under'Government, Typewriting Institutes, Private hospitals, private nursing homes, private clinical laboratories/X-ray units, offices of Advocates/Chartered Accountants/Architects/Social Organisations, Computer Training Institutes and Offices of the political parties not approved by the Election Commission of India.

| | | |
|---|---|---|
| Fixed charge/KW/month (Rs.) | : | 35 |
| *Plus* | | |
| Energy charge Ps./unit | : | 300 |
| Upto 500 Kwh | | |
| Above 500 Kwh) | : | 390 |

**L.T. VI C.**— Offices or institutions under Kerala Water Authority K. S. R. T. C., Kerala Water Transport, Income Tax/Central Excise/Customs, Offices under the Motor Vehicles Department/Sales Tax Department/Excise Department, offices of all other tax/revenue collecting departments under State/Central Government (other than local bodies), Railways, International/ National Airport Authority, A. I. R, Doordarshan Postal/Telecommunication department, Railway Stations, Radio Stations, TV Stations, L. I. C. recognised Insurance Companies, Banks, Pawn brokers, light houses and any other categories not included in LT VI (A), (B) or (D)

| | | |
|---|---|---|
| Fixed charge/KW/month (Rs) | : | 115 |
| *Plus* | | |
| Energy charge Ps./unit | | |
| upto 500 KWh | : | 450 |
| above 500 KWh | : | 570 |

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**L. T. VI (D).**— Orphanages, schools and hostels of mentally retarded students, deaf/dumb/blind/physically handicapped persons, oldage homes, cheshire homes, Polio Homes and all other similar institutions all recognised by the Government.

Fixed charge : Nil

*Plus*

Energy charge per unit

(i) upto 100 units : Ps. 60

(ii) above 100 units : Ps. 70

Tariff minimum payable during the period of disconnection and non-disconnection.

Single phase .. 10 per month

Three phase .. 20 per month

*Note* :— Power supply to common facilities such as water supply, common lighting, lifts etc., in multi-storeyed buildings with non-domestic occupation only, shall be charged under the appropriate LT VI tariff. When there is a combination of occupation of different categories of consumers, common facilities shall be charged at the highest LT VI tariff applicable among such categories.

**L.T.VII.—Commercial**

**LT VII (A).**— Display lights, Cinema Studios, Commercial premises, Hotels and restaurants (having connected load exceeding 2000 W), Showrooms, Business Houses. Private Hostels/Lodges/Guest/Rest houses, commercial cold storages, backeries (Without manufacturing processes, vehicle service stations petrol/diesel bunks, construction works (residential, industrial, non-domestic or commercial).

Fixed charge per KW or part thereof

per month (Rs)

Single phase .. 25

Three Phase .. 45

*plus*

Energy charge ps./unit

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(i) upto 100 units .. 450

(ii) Upto 200 units .. 500

(iii) Upto 300 units .. 555

(iv) Upto 500 units .. 600

(v) Above 500 units .. 660

**L.T.VII (B).—** Applicable to Shops/Bunks, hotels and restaurants where the connected load does not exceed 500 Watts.

Fixed charge/month (Rs.) : 25

*plus*

Energy charge ps./unit

Upto 100 units : 195

Above 100 units : 465

*Note* :— When the connected load exceeds 500 Watts the consumers shall be charged under LT VII (A).

**L.T. VII (C).—** (i) Cinema Theatres, Circus and other similar activities.

(ii) Sports and games activities having connected load ex ceeding 2000 Watts.

Fixed charge/per KW or part thereof

per month (Rs.) : 65

*plus*

Energy charge ps./unit

Upto 1000 units : 350

Above 1000 units : 470

**L. T. VII (D) —** Hotels and restaurants having connected load above 500 Watts and upto 2000 Watts.

Fixed charge per KW or part thereof per month Rs. : 25

*plus*

Energy charge ps./unit

Upto 100 units : 335

Upto 200 units : 490

Above 200 units : 550

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*Note* :— 1. If the consumption of the consumers under LT VII Commercial (A), or (B) or (D) exceeds a particular block, the entire consumption shall be charged under the next block. For example, if the consumption exceeds 100 units but does not exceed 200 units, the entire consumption is chargeable at the rates applicable to 200 units block.

2. Power supply to common facilities such as water supply, common lighting, lifts etc., in multi-storeyed buildings with commercial occupation only shall be charged under the appropriate LT VII categories of consumers. When there is a combination of occupation of different categories of consumers, common facilities shall be charged at the highest LT VII tariff applicable among such categories.

**L.T.VIII—Temporary Extension (Single or three phase)**

Applicable to temporary extension taken from consumers premises Fixed charge of Rs. 30/KW or part thereof connected load per day. Application fee, Testing fee etc. will be payable extra.

Note :—The tariff minimum payable by all Low Tension, consumers (other than LTI and LT VID) shall be the fixed charge.

## PART V

## PUBLIC LIGHTING

Whereas the Board is statutorily enjoined to leave a surplus of not less than 3% of the value of the fixed assets of the Board in service at the beginning of each year, the value of the fixed assets of the Board in service at the beginning of year being what that has been stated in Section 59 of the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) as amended by the Electricity (Supply) Amendment Act, 1983 (Central Act 16 of 1983) ;

And whereas the escalation in prices of all commodities and services including plant and equipment, construction materials etc, resulting in increased cost of generation, operation and maintenance cost of the supply systems increased rate of interest payable on loans etc., and the subsidised tariffs given to certain categories of consumers due to social obligations have all resulted in the present tariff rates becoming inadequate for the Board to make the minimum surplus of 3% ;

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And whereas to absorb the increased cost of imported power from Central Agencies viz. NTPC, Ramagundam Super Thermal Power Station, Neyveli Lignite Corporation, Madras Atomic Power Project (Nuclear Power Corporation) etc., the Board has to bear the cost cosequent to escalation in fuel cost in respect of energy/power imported from such stations ;

And whereas the Board has to pay higher price for the power purchased from various agencies in the State ;

And whereas the Board has also to raise revenue from internal resources for its capital works and developmental works and also to meet the statutory and social obligations ;

And whereas in view of the above factors, a revision in tariffs as well as progressive increase have become imperative ;

Now, therefore, in exercise of the powers conferred by Sections 49, 59 and sub section (j) of Section 79 of the Electricity (Supply) Act, 1948 and other enabling provisions in the statutes and in partial modifications to the notifications read above and the B. O. No. 106/98 (Plg. Com. 3515/98) dated 12-01-1998 the Kerala State Electricity Board hereby orders the following revisions in tariff and revision of terms and Conditions of Supply for the sale of electrial energy/power supplied by the Board for public Lighting.

ORDER

I. This order may be called "The Kerala State Electricity Board Low Tension Public Lighting Tariff Order, 1999."

II. It shall apply to Low Tension Consumers to whom electrical energy is supplied by the Board for the purpose of public Lighting notwithstanding anything to the contrary contained in any agreement earlier entered into with any consumer by the Board/Government or in any of the Tariff Regulations or Rules and/or Orders previously issued.

III. The tariff as per this order shall be effective for the consumption from 15th may 1999 or the actual date of meter reading.

IV. Unless the context otherwise requires, words and expressions used in this Order and defined in the Indian Electricity Act, 1910 (Central Act 9 of 1910) and/or in the Electricity (Supply) Act, 1948 (Central Act 54 of 1948) and/or in the Conditions of Supply of Electrical Energy Regulations issued by the Board shall have meanings respectively assigned to them in the acts and the Regulations mentioned above.

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V. The tariffs given in this order are exclusive of Electricity Duty and other charges and/or minima existing or that may be levied by the State/ Central Government, the Board and/or other competent authorities from time to time, which are payable in addition to the charges as per this tariff. Electricity Duty or such other charges as above is payable in respect of the fuel cost adjustment price also.

VI. The concession allowed in billing to local bodies other than Thrissur Municipality as per B. O. No. Plg.Com.35/83 dated 28-09-1989 stands withdrawn ;

VII. The rates of composite tariff applicable to the various classes/ categories of public lighting shall be as given in Annexure III to this orders.

VIII. (a) These tariffs are subject to further revision and/or surcharges that may be levied by the Board or Government from time to time as and when necessary and are also subject to other miscellaneous charges for supply of power by the Board as per the conditions of supply of electrical energy of the Board from time to time.

(b) The tariffs are subject to further revision as and when the cost of internal generation increases, and/or the cost of power purchased from other agencies in the State increases, and/or the cost of imported power/ energy and/or the fuel cost adjustment price payable for imported energy increases beyond the present expectation.

(c) Provided that the Board shall be at its liberty to re-classify/ re-group/re-structure the categories and/or to revise/refix the rates applicable to any categories of consumers at any time irrespective of the tariff fixed or any percentage hike in tariff contemplated in this order, if such re-classification/re-grouping/re-structuring and/or revision/refixation in rates and/or percentage hike in tariff is felt necessary by the Board for achieving the aims and objectives explained in this order.

*Note* :— 1. When public lighting is to be done after extension of line, the consumers will have to pay the cost of the work estimated by the Board.

2. In campuses where lights are provided by the consumer on his own lines, Low Tension metered supply will be provided at Ps.60 per unit plus fixed charge at Rs. 7.50 per meter per month subject loother conditions regarding payment of cost of the work.



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3. Supply to Light Houses when taken from Board's street mains with be charged at appropriate public lighting tariff. Where Low Tension metered and independent supply is provided, the rate applicable will be at 60 paise per unit plus fixed charge at Rs. 7.50 per meter per month and subject to other conditions regarding payment of cost of the work.

4. Metered supply will be given by the Board in areas where the Board's Low Tension distribution lines exist, for special type of lamps, rates for which are not given in the annexure, provided the lamps are installed and maintained by the local bodies at their cost. The tariff applicable in such cases shall be 60 paise per unit plus fixed charge at Rs. 7.50 per meter per month, subject to other conditions regarding payment of cost of the work.

5. Provided that where the street lights are installed on condition of minimum gurantee agreement, the consumer shall pay the guaranteed minimum charge.

IX. Separate charges will not be collected from the consumers towards service charges or meter hire.

X. Notwithstanding anything contained in this order, the Kerala State Electricity Board may in public interest and for valid reasons to be recorded in writing exempt any consumer from payment of charges at the rates contained in this order or agree to supply energy/power at such rate as may be agreed to with such consumer, but subject only to the provisions contained in Section 49 of the Electricity (Supply) Act, 1948.

By order of the Board,

M. VISWAMONY,

*Secretary to the Board.*

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## ANNEXURE I

Recommended values of Static Capacitive Reactance in KVAR for power factor improvements

### A INDUCTION MOTORS (L.T)

| *Sl.No* | *Total Motor Rating insistedHP* | *KVAR rating of capacitors insisted* |
|---|---|---|
| 1 | Upto 3 | 1 |
| 2 | Above 3 upto 5 | 2 |
| 3 | Above 5 upto 7.5 | 3 |
| 4 | Above 7.5 upto 10 | 4 |
| 5 | Above 10 upto 15 | 5 |
| 6 | Above 15 upto 20 | 6 |
| 7 | Above 20 upto 25 | 7.5 |
| 8 | Above 25 upto 30 | 10 |
| 9 | Above 30 upto 40 | 12 |
| 10 | Above 40 upto 50 | 14 |
| 11 | Above 50 upto 60 | 18 |
| 12 | Above 60 upto 80 | 22 |
| 13 | Above 80 upto 100 | 25 |
| 14 | Above 100 upto 130 | 35 |

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## ANNEXURE II

### B WELDING TRANSFORMERS (L.T)

| *Sl.No* | *Rating of welding transformer in KVA* | *KVAR rating of capacitors insisted* |
|---|---|---|
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 2 |
| 4 | 4 | 3 |
| 5 | 5 | 4 |
| 6 | 6 | 4 |
| 7 | 7 | 5 |
| 8 | 8 | 6 |
| 9 | 9 | 7.5 |
| 10 | 10 | 7.5 |
| 11 | 11 | 8 |
| 12 | 12 | 9 |
| 13 | 13 | 10 |
| 14 | 14 | 10 |
| 15 | 15 | 11 |
| 16 | 16 | 12 |
| 17 | 17 | 13 |
| 18 | 18 | 13 |
| 19 | 19 | 14 |
| 20 | 20 | 15 |
| 21 | Above 20 upto 22 | 16 |
| 22 | Above 22 upto 24 | 17.5 |
| 23 | Above 24 upto 26 | 18 |
| 24 | Above 26 upto 28 | 20 |
| 25 | Above 28 upto 30 | 21 |
| 26 | Above 30 upto 35 | 24 |
| 27 | Above 35 upto 40 | 27.5 |
| 28 | Above 40 upto 45 | 32.5 |
| 29 | Above 45 upto 50 | 35 |

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## ANNEXURE III

## COMPOSITE TARIFF

**Monthly Street Light Charge payable per Lamp If Lamp/Bulb,**

**(A) Holder, Condenser and Choke are supplied by the Local Bodies free of cost for initial installation and periodical replacement**

| *Types of lamp* | *Watts* (W) | *Rs./Lamp/month* *Burning Hours per day* | | |
|---|---|---|---|---|
| | | *4 hours* | *6 hours* | *12 hours* |
| Ordinary | 25/40 | 14 | 15 | 17 |
| Ordinary | 60 | 18 | 19 | 22 |
| Ordinary | 100 | 19 | 21 | 27 |
| Flourescent Tube | 40 | 21 | 22 | 25 |
| Flourescent Tube | 2x40 | 24 | 26 | 31 |
| Flood light | 1000 | 60 | 78 | 134 |
| Mercury Vapour Lamp | 80 | 29 | 30 | 36 |
| Mercury Vapour Lamp | 125 | 31 | 33 | 42 |
| Mercury Vapour Lamp | 160 | 35 | 38 | 49 |
| Mercury Vapour Lamp | 250 | 41 | 47 | 64 |
| Mercury Vapour Lamp | 400 | 53 | 62 | 89 |
| Mercury Vapour Lamp on Semi-high mast only for 12 hours burning/day | 3x400 | | | 492 |
| Sodium Vapour lamp on semi-high mast 12 hrs. burning/day | 250 | | | 247 |

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**(B) If Lamp/Bulb, Holder, Condenser and Choke are not supplied be the local bodies free cost for initial installation and periodical replacement**

| *Types of lamp* | *Watts (W)* | *Rs./Lamp/month* *Burning Hours per day* | | |
|---|---|---|---|---|
| | | *4 hours* | *6 hours* | *12 hours* |
| Ordinary | 25/40 | 15 | 16 | 19 |
| Ordinary | 60 | 19 | 21 | 25 |
| Ordinary | 100 | 21 | 23 | 30 |
| Flourescent Tube | 40 | 25 | 26 | 32 |
| Flourescent Tube | 2x40 | 32 | 35 | 45 |
| Flood light | 1000 | 78 | 105 | 185 |
| Mercury Vapour Lamp | 80 | 43 | 45 | 53 |
| Mercury Vapour Lamp | 125 | 45 | 48 | 57 |
| Mercury Vapour Lamp | 160 | 60 | 65 | 83 |
| Mercury Vapour Lamp | 250 | 68 | 75 | 99 |
| Mercury Vapour Lamp | 400 | 82 | 94 | 130 |
| Mercury Vapour Lamp on Semi-high mast only for 12 hours burning/day | 3x400 | | | 564 |
| Sodium Vapour lamp on semi-high mast 12 hrs. burning/day | 250 | | | 282 |

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## അനുബന്ധം XVII 'എ'

[20-2-2001-ലെ നക്ഷത്രചിഹ്നമിടാത്ത ചോദ്യം നമ്പർ 97(322)-ന്റെ 'ഡി' ഉത്തരം ദയവായി കാണുക]

### COMPARISON OF TARIFF IN SOUTHERN STATES

| STATE | AVERAGE RATE PAISE PER UNIT | | | | |
|---|---|---|---|---|---|
| | DOMESTIC | LT Industrial | LT Agriculture | HT Industrial | HT Agriculture |
| Karnataka | 145 | 340 | 80 | 502 | 80 |
| Tamilnadu | 150 | 355 | 50 | 400 | 25 |
| Andrapradesh | 351 | 445 | 55 | 463 | 48.32 |
| Kerala | 105 | 255 | 55 | 287.50 | 157.40 |

## അനുബന്ധം XIX

[20-2-2001-ലെ നക്ഷത്രചിഹ്നമിടാത്ത ചോദ്യം നമ്പർ 109(334)-ന്റെ 'എ' ഉത്തരം ദയവായി കാണുക]

| Category | 1-10-1994 | 1-11-1995 |
|---|---|---|
| Consumers under LT I (a) & (b) are exempted from payment of monthly current charge, if their average monthly consumption is not more than 20 units | | |
| | (Recategorisation only) | |

| LT I | Units | Rs/month | | | |
|---|---|---|---|---|---|
| (a) Domestic Single Phase below 100 units | 1-15 | 8.55 | 00 | 00 | 00 |
| | 16-20 | 12.10 | | | |
| | 21-30 | 18.00 | | | |
| | 31-40 | 24.00 | | | |
| | 41-50 | 31.10 | | | |
| | 51-65 | 41.55 | | | |
| | 66-80 | 56-10 | | | |
| | 81-100 | 70.00 | | | |

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